

Fig. 1

107

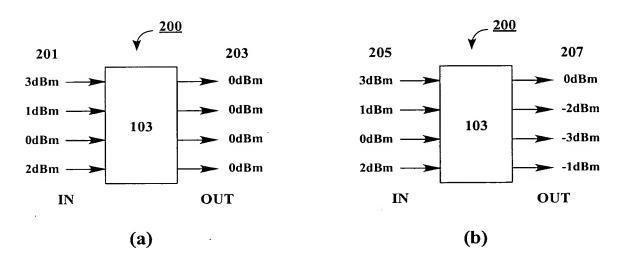


Fig. 2

Robert C. Colwell, Reg. No. 27,431 (65

Applicant: Bowers, et al.

o. 27,431 (650) 326-2400 Atty D ck t N . 020707-002510US

Titl: Optical Switch with Adjustable Optical Loss
Appln. No. 10/616,244 C nfirmation No. 9502

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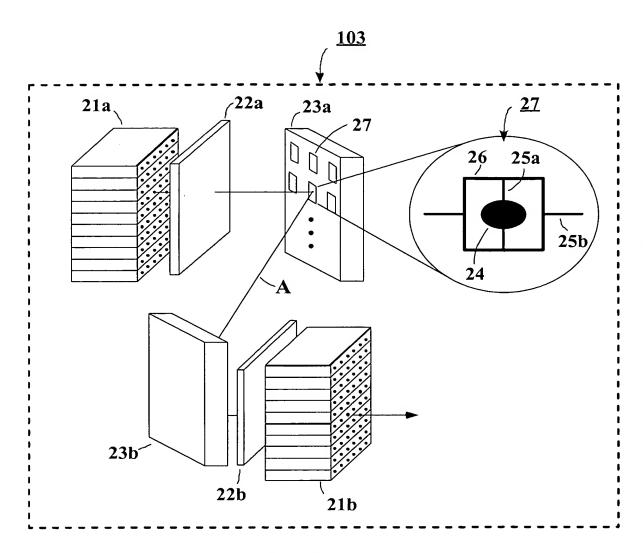
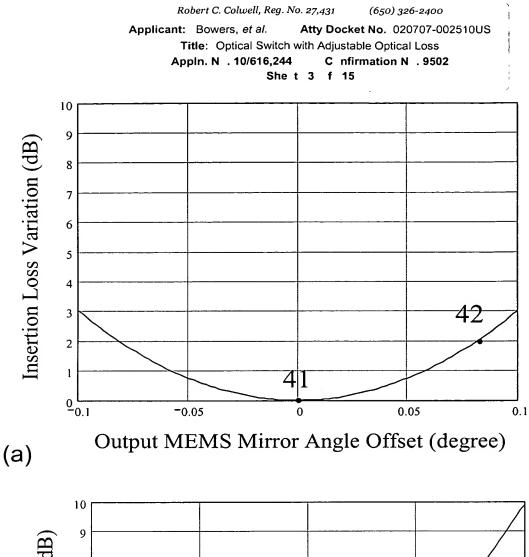
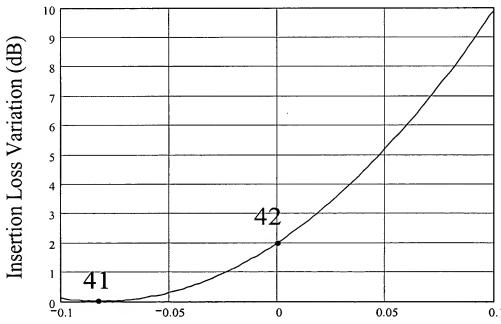


Fig. 3







Output MEMS Mirror Angle Offset (degree) (b)

Fig. 4

Robert C. Colwell, Reg. No. 27,431 (650) 3:

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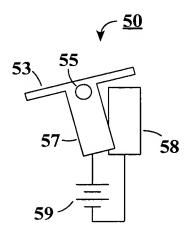


Fig. 5

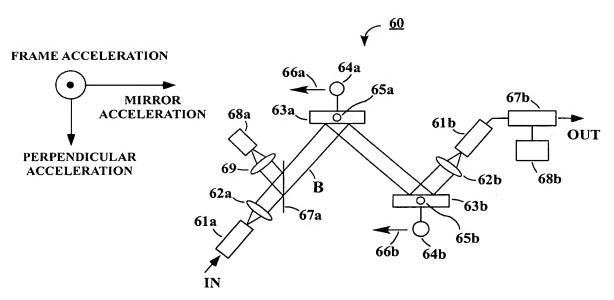


Fig. 6

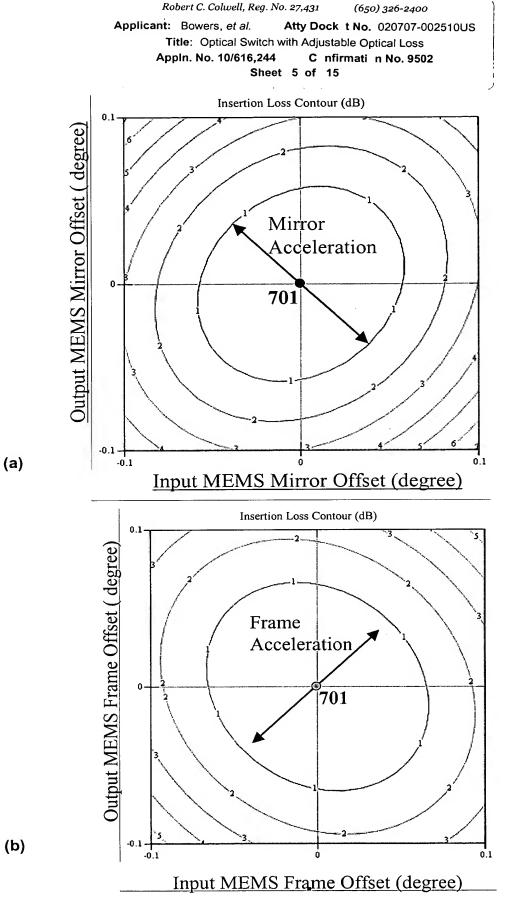


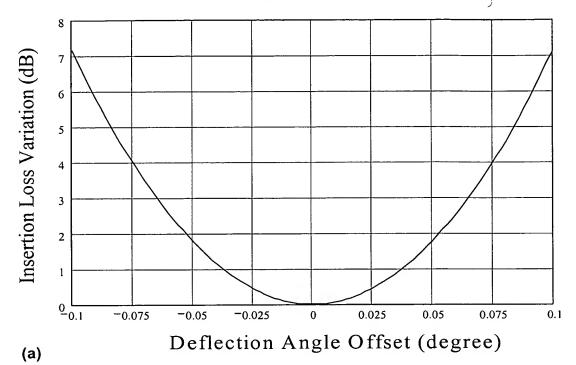
Fig. 7

Robert C. Colwell, Reg. No. 27,431 (650) 326-2400

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Confirmation No. 9502 Appln. No. 10/616,244

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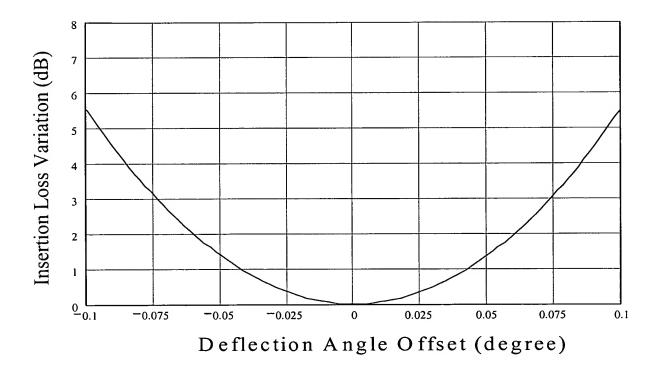
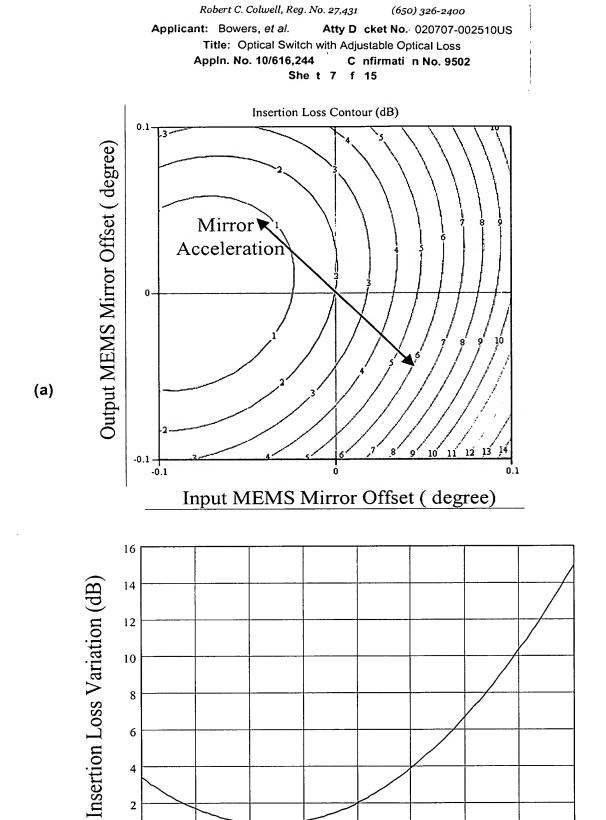


Fig. 8

(b)



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Deflection Angle Offset (degree)

0.025

0.05

0.075

0.1

Fig. 9

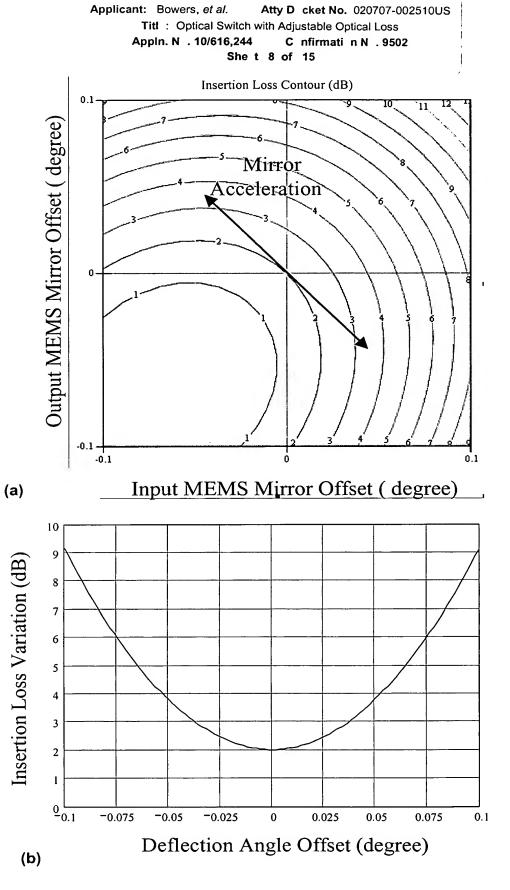
-0.025

00.1

(b)

-0.075

-0.05



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Fig. 10

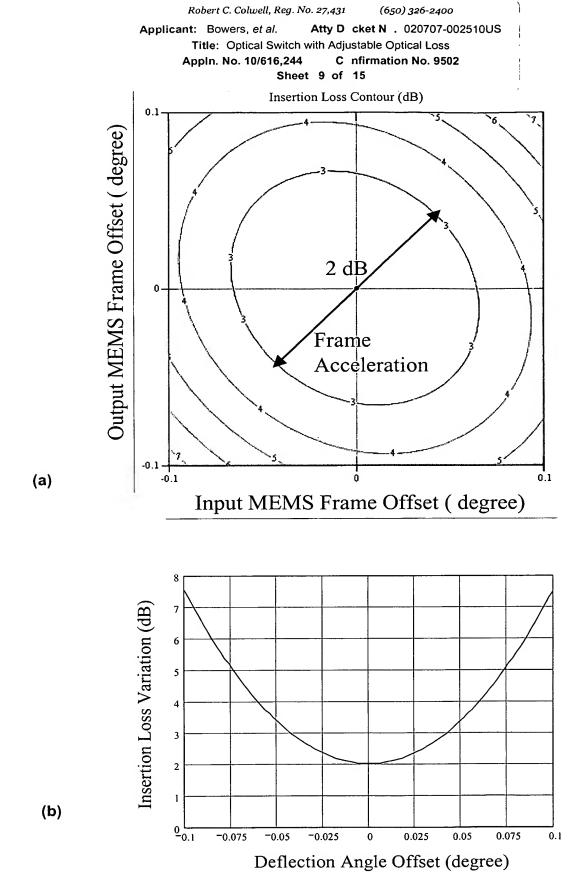
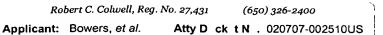


Fig. 11



Titl: Optical Switch with Adjustable Optical Loss

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Insertion Loss Contour (dB)

Onthorn Acceleration

Acceleration

Onthorn Acceleration

O

Input MEMS Mirror Offset (degree)

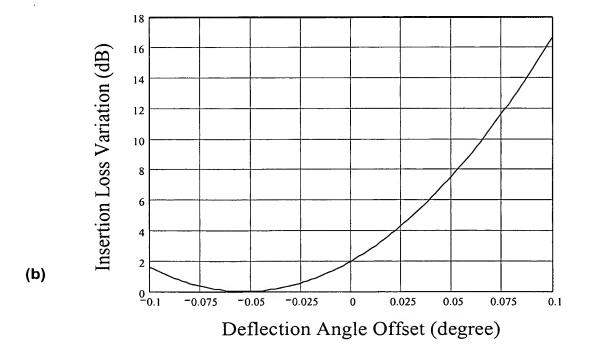
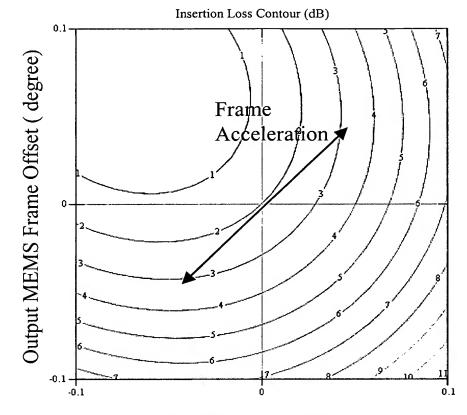


Fig. 12

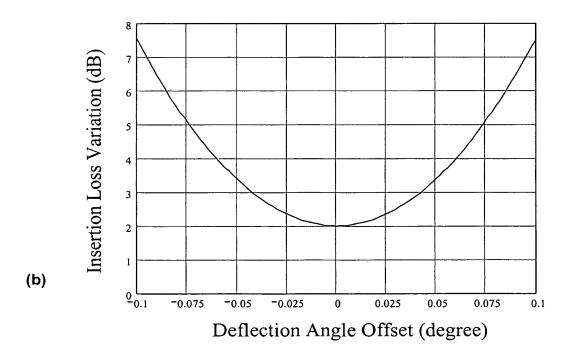
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Input MEMS Frame Offset (degree)

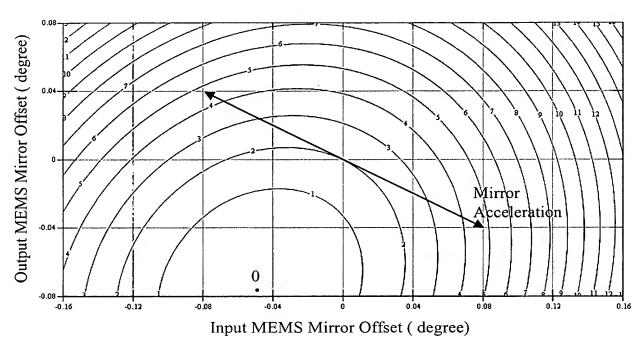


(a)

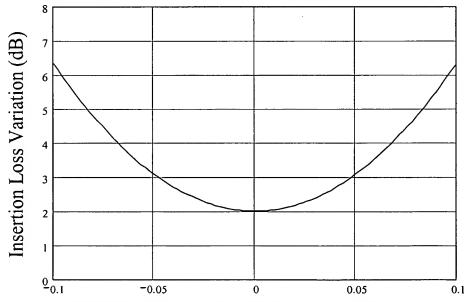
Fig. 13

Robert C. Colwell, Reg. No. 27,431 (650) 326-2400 Applicant: Bowers, et al. Atty D cket N . 020707-002510US Title: Optical Switch with Adjustable Optical Loss Appln. No. 10/616,244 Confirmati n No. 9502

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(a)



Input MEMS Mirror Deflection Angle Offset (degree)

(b)

Fig. 14

 Robert C. Colwell, Reg. No. 27,431
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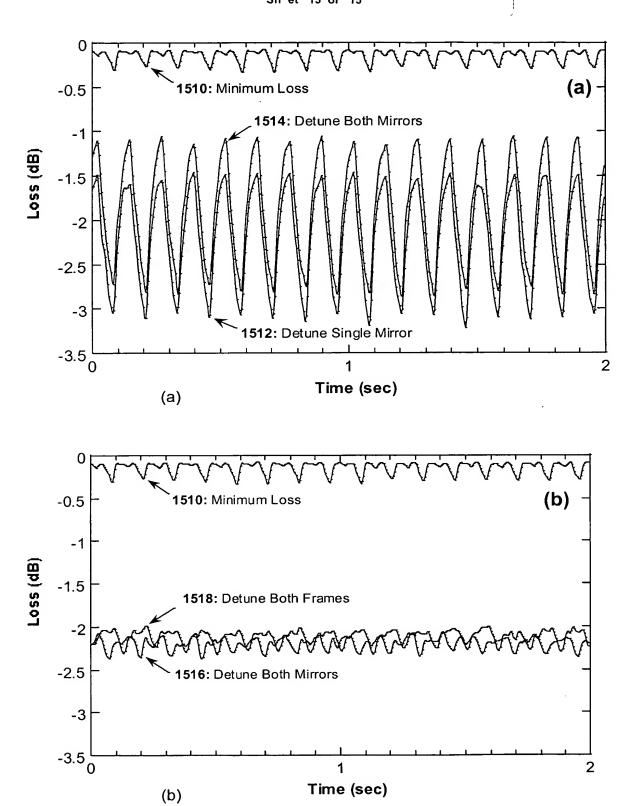


Fig. 15

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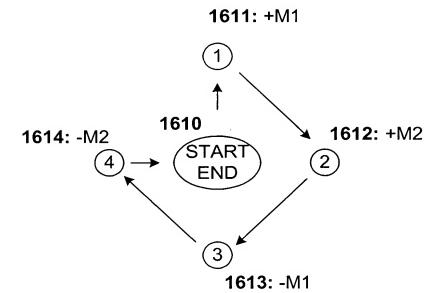


Fig. 16

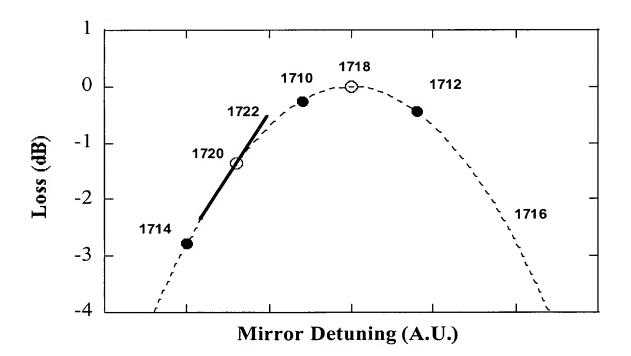


Fig. 17

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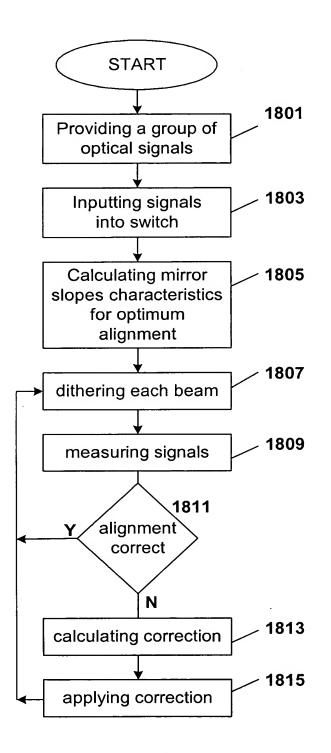


Fig. 18